

Sultanov, B. I.
SOME CAUSES OF GEOTHERMAL ANOMALY IN
THE APSHERON PETROLIFEROUS REGION. [1961]

8p.

Order from ATS \$13.00

ATS-12N58R

Trans. of Izvestiya Vysshikh Uchebnykh
Zavedenii. Nef' i Gaz (USSR) 1961, v. 4, no. 7,
p. 9-15.

DESCRIPTORS: *Geology, Geological survey,
Geophysics, Petrology.

(Earth Sciences--Geology, TT, v. 7, no. 9)

62-12658

I. Sultanov, B. I.
II. ATS-12N58R
III. Associated Technical
Services, Inc.,
East Orange, N. J.

ATS-123529

Office of Technical Services

Birsuta, V. K.
SOME MATHEMATICAL RELATIONSHIPS ON THE
PENETRATION OF PRISMATICALLY SHAPED
TEETH INTO A PLASTIC BODY. [1962] 5p.
Order from ATS \$6.55

Trans. of Invest. in Vysokkh Uchebnykh Zavodakh
Nef. i Gaz (USSR) 1961, v. 4, no. 7, p. 27-33

DESCRIPTORS: *Plastics, Deformation, Penetration,
Mathematical analysis.

(Machinery--Machine Parts, IT, v. 8, no. 4)

62-17153

I. Birsuta, V. K.
B. 415-96r505
III. Associated Technical
Services, Inc., East
Orange, N. J.

Office of Technical Services

Butovich, N.A. and Ganeeva, M.I.
DEPARAFFINAGE DES COMBUSTIBLES DIESEL PAR
UNE SOLUTION AQUEUSE D'URÉE (Deparaffiniza-
siya Dizel'nykh Toplivy Vednym Rastvorom Karbami-
da) (Deparaffining of Diesel Fuels with an Aqueous
Solutions of Urea). 12p. (foreign text included)
13 refs. CNRS-VI 678.

Order from GTS, ETC or CNRS \$1.60 TT-62-28735

Trans. in French of Izvestiya Vysshikh Uchebnykh
Zavedeniy, Nauka (USSR) 1967, v. 4, no. 7,
p. 75-78.

DESCRIPTORS: *Fuel oils, *Waxes, Purification,
Solvents, Urea.

(Materials--Fuels, TT, v. 11, no. 9)

TT-62-28735

- I. Butovich, N.A.
- II. Ganeeva, M.I.
- III. CNRS-VI 678
- IV. Centre National de la Recher-
che Scientifique, Paris

Office of Technical Services
European Translations Centre

Gulizade, M. P. and Makhmudov, D. M.
THE DERIVATION OF AN EQUATION FOR DETER-
MINING THE BUILD-UP IN ANGLE AND DIRECTION
OF THE DEVIATION OF DIRECTIONAL WELLS, AS
A FUNCTION OF PENETRATION, IN DRILLING
WITHOUT A WHIPSTOCK. [1962] 7p.
Order from ATS \$8.25 ATS-44N58R

Trans. of Invest[lya] Vysshikh Ucheb[nykh] Zavedenii.
Nef't i Gaz (USSR) 1961, v. 4, no. 8, p. 37-44.

DESCRIPTORS: *Well drilling, Mathematical analysis.

(Earth Sciences, TT, v. 8, no. 5)

62-17149

- I. Gulizade, M. P.
- II. Makhmudov, D. M.
- III. ATS-44N58R
- IV. Associated Technical
Services, Inc., East
Orange, N. J.

Office of Technical Services

Abasov, M. T., Alekperov, S. I. and others.
FLOW OF FLUID UNDER ELASTIC DRIVE. [1962]
6p.
Order from ATS \$8.20

ATS-45N58R

Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii.
Nefi' i Gaz (USSR) 1961, v. 4, no. 8, p. 45-50.

DESCRIPTORS: *Fluid flow, *Elasticity.

(Mechanics--Hydrodynamics, TT. v. 8, no. 4)

62-17148

I. Abasov, M. T.
II. Alekperov, S. I.
III. ATS-45N58R
IV. Associated Technical
Services, Inc.,
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Office of Technical Services

Repin, N. N. and Babalyan, G. A.
THE ACTION OF SURFACE-ACTIVE AGENTS ON
THE LIFTING PROCESS. [1962] 7p.
Order from ATS \$12.10 ATS-38P59R

Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii.
Nef't i Gaz (USSR) 1961, v. 4, no. 8, p. 51-57.

DESCRIPTORS: *Surface-active substances, Lift.

(Chemistry--Physical, TT, v. 9, no. 2)

62-17158

I. Repin, N. N.
II. Babalyan, G. A.
III. ATS-38P59R
IV. Associated Technical
Services, Inc.,
East Orange, N. J.

Office of Technical Services

Evdokimov, S. E.
DETERMINATION OF RESERVOIR PARAMETERS
FROM THE DATA OBTAINED IN REMOTE
MEASUREMENTS OF CHANGE IN PRESSURE. [1961]

Sp.

Order from ATS \$6.55

ATS-46N58R

Trans. of Izvest[iya] Vysshikh Ucheb[nykh] Zaveden[iy].
Neft' i Gaz (USSR) 1961, v. 4, no. 8, p. 59-62.

DESCRIPTORS: *Dams, Pressure, Measurement,
Determination.

(Engineering--Civil, TT, v. 7, no. 10)

42-12656

- I. Evdokimov, S. E.
- II. ATS-46N58R
- III. Associated Technical
Services, Inc.,
East Orange, N. J.

Office of Technical Services

Stradymov, P. K.
THE PROBLEM OF THE SHAPE OF BOTTOM OIL
(WATER) CONE AND ITS INFLUENCE ON THE
PRODUCTIVITY OF GAS WELLS. [1961] 5p.
Order from ATS \$7.00 ATS-81P58R

Trans. of [izdat[itya] Vysshikh Ucheb[nykh] Zavedenii.
Neft' i Gaz (USSR) 1961, v. 4, no. 8, p. 69-73.

DESCRIPTORS: *Natural gas, Production, Oils, Water.

(Engineering--Chemical, TT, v. 7, no. 9)

62-12643

- I. Stradymov, P. K.
- II. ATS-81P58R
- III. Associated Technical
Services, Inc.,
East Orange, N. J.

Office of Technical Services

Bulygin, V. Ya.
THE DETERMINATION OF WATER SATURATION
AND OIL RECOVERY OF RESERVOIRS. [1962] 7p.
Order from ATS \$10.00 ATS-47N58R

Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii.
Nef' i Gaz (USSR) 1961, v. 4, no. 8, p. 75-81.

DESCRIPTORS: Dams, *Oils, Recovery, Water.

(Earth Sciences--Geology, TT, v. 8, no. 7)

62-17150

I. Bulygin, V. Ya.
II. ATS-47N58R
III. Associated Technical
Services, Inc., East
Orange, N. J.

Office of Technical Services

Chernozhukov, N. I., Vainshtok, V. V., and
Kartlin, B. N.
THE PROBLEM OF THE SUBMICROSTRUCTURE OF
SOLID HYDROCARBONS IN A HYDROCARBON
MEDIUM. [1961] 6p.
Order from ATS \$6.55

ATS-29N58R

Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii.
Nefi i Gaz (USSR) 1961, v. 4, no. 8, p. 83-86.

DESCRIPTORS: *Hydrocarbons, Solids, Microstructure

(Chemistry--Organic, TT, v. 7, no. 9)

62-12650

- I. Chernozhukov, N. I.
- II. Vainshtok, V. V.
- III. Kartlin, B. N.
- IV. ATS-29N58R
- V. Associated Technical
Services, Inc.,
East Orange, N. J.

Office of Technical Services

Salatinyan, I. Z. and Fokeev, V. M.
THE RATE OF GROWTH OF WAX DEPOSITS IN
PIPES. [1962] 7p.
Order from ATS \$10.15 ATS-06P60R

Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii.
Nef' i Gaz (USSR) 1961, v. 4, no. 9, p. 53-59.

DESCRIPTORS: *Pipes, *Waxes, *Deposits, Growth.

(Engineering, TT, v. 8, no. 4)

62-17289

I. Salatinyan, I. Z.
II. Fokeev, V. M.
III. ATS-06P60R
IV. Associated Technical
Services, Inc.,
East Orange, N. J.

Office of Technical Services

K. V. Fomkin

The Time of Formation of Gas Pools Within the
Boundaries of the Platform Area of the Krasnodar
Territory.

RUSSIAN, per, Izvestiya Vysshikh Uchebnykh
Zavedenii. Neft i Gaz, No 10, 1961, pp 3-10.

NTC 72-14060-08G

CLTS - 14R 74R

326, 663

Nov 72

V. A. Zagoruchenko

Analysis of Thermal Data and Equation of State
for Ethane.

RUSSIAN, per, Izvestiya Vysshikh Uchebnykh
Zavedenii, Neft i Gaz, No 10, 1961, pp 85-90

NTC 72-13382-07D

NTIS 75 69-55046

Oct 72

Stetsukha, E. I., Pivovarov, V. T., and Lyshko,
N. A.
RELATIONSHIP BETWEEN DENSITY, UNIT WEIGHT
AND POROSITY OF ROCKS. [1962] 6p.
Order from ATS \$8.95 ATS-44P60R

Trans. of Izvestiya Vysshikh Uchebnykh Zavedeni.
Neft i Gaz (USSR) 1961, v. 4, no. 11, p. 23-27.

DESCRIPTORS: *Rock, Density, Porosity.

(Earth Sciences--Geology, TT, v. 8, no. 4)

62-17275

- I. Stetsukha, E. I.
- II. Pivovarov, V. T.
- III. Lyshko, N. A.
- IV. ATS-44P60R
- V. Associated Technical
Services, Inc.,
East Orange, N. J.

Office of Technical Services

Evgen'ev, A. E.
THE INFLUENCE OF THE VELOCITY OF DIS-
PLACEMENT OF A LIQUID HYDROCARBON BY
WATER ON "OIL RECOVERY" FROM NONHOMO-
GENEOUS SANDSTONES. [1962] 5p.
Order from ATS \$8.95

ATS-11P60R

Trans. of Izvestiya Vysishikh Uchebnykh Zavedenii.
Nefi i Gaz (USSR) 1961, v. 4, no. 11, p. 47-52.

DESCRIPTORS: *Rock, *Oils, *Recovery, Water,
Hydrocarbons, Liquids.

(Earth Sciences--Geology, TT, v. 8, no. 4)

62-17278

- I. Title: Sandstones
- I. Evgen'ev, A. E.
- II. ATS-11P60R
- III. Associated Technical
Services, Inc., East
Orange, N. J.

ATS-RJ-3462

Office of Technical Services

Grishin, A. P. and Tilyupo, G. A.
SOLUBILITY OF PARAFFIN IN ALCOHOLS. [1962] 6p.
Order from ATS \$9.25 ATS-01P6SR

Trans. of Izvestiya Vysshikh Uchebnykh Zavedeni.
Nef't i Gaz (USSR) 1961, v. 4, no. 11, p. 53-58.

DESCRIPTORS: Solubility, *Alkanes, *Alcohols.

(Chemistry--Organic, IT, v. 9, no. 2)

63-12296

- I. Grishin, A. P.
- II. Tilyupo, G. A.
- III. ATS-01P6SR
- IV. Associated Technical
Services, Inc., East
Orange, N. J.

ATS 63-12296

Office of Technical Services

The Purification of Refinery Waste Waters
by Electroflotation, by I. V. Gerasimov,
D. N. Karabanov.
RUSSIAN, per, Izv VUZ Nefti i Gaz, Vol 4,
No 11, 1961, pp 59-63.
NTC 69-10980-07A

Sci-Chem
May 69

382,511

Galyullin, Z. T. and Chernikin, V. I.
THE HYDRAULIC DESIGN OF CEMENT-ASBESTOS
GAS PIPE LINES. [1962] 6p.
Order from ATS \$7.50

ATS-05P61R

Trans. of Izvestiya Vysshikh Uchebnykh
Zavodov. Neft i Gaz (USSR) 1961, v. 4, no. 11,
p. 65-70.

DESCRIPTORS: Cements, Asbestos fibers, *Pipes,
*Hydraulics, Design, *Gases, Transportation.

(Mech. Eng. Hydraulics, TT, v. 5, no. 5)

62-17736

- I. Galyullin, Z. T.
- II. Chernikin, V. I.
- III. ATS-05P61R
- IV. Associated Technical
Services, Inc., East
Orange, N. J.

AT-05P61R

Office of Technical Services

A. Ya. Peterson

Experience in the Preparation and Investigation
of Artificial Rock Specimens.

RUSSIAN, per, Izvestiya Vysshikh Uchebnykh Zavedenii.

Neft i Gaz, No 12, 1963, pp 51-56

NYC 72-13371-08G

Oct 72

Gimatudinov, Sh. K., Murav'ev, I. M., and
Evgen'ev, A. E.

DISPLACEMENT OF OIL FROM HETEROGENEOUS
POROUS MEDIA BY WATERS OF DIFFERENT COM-
POSITION. [1962] 5p.

Order from AIS 58.25

ATS-E7P60R

Trans. of Izvestiya Vysshikh Uchebnykh Zavodov
Nefr i Gaz (USSR) 1961, v. 4, no. 12, p. 61-62.

DESCRIPTORS: *Oils, *Petroleum, Sources, *Water,
Water injection.

(Engineering--Chemical, IT, v. 8, no. 4)

62-17738

I. Gimatudinov, Sh. K.

II. Murav'ev, I. M.

III. Evgen'ev, A. E.

IV. ATS-87P60R

V. Associated Technical Serv-
ices, Inc., East Orange,
N. J.

ATS/AT-3763

Office of Technical Services

Agaev, A. A.
SEPARATION OF AMMONIUM SALTS OF NAPHTH-
HENIC ACIDS FROM CRUDE OIL IN AN ELEC-
TRIC FIELD. [1962] 4p.
Order from ATS \$6.00 ATS-02P61R

Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii.
Nefi i Gaz (USSR) 1961, v. 4, no. 12, p. 95-98.

DESCRIPTORS: *Petroleum, *Electric fields,
*Naphthenic acids, Acids, *Ammonium radicals,
Separation.

(Engineering--Chemical, TT, v. 8, no. 4)

62-17727

- I. Agaev, A. A.
- II. ATS-02P61R
- III. Associated Technical
Services, Inc., East
Orange, N. J.

ATS-RJ-3657

Office of Technical Services

Kuliev, S. M., Mdivani, A. G., and
Dzhahilzade, G. N.

THE EFFICIENCY OF ROCK BREAKDOWN WHEN
USING STEPPED (STAGED) BITS. [1962] 6p.
Order from ATS \$9.50 ATS-57P62R

Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii.
Nef' i Gaz (USSR) 1961, v. 5, no. 3, p. 25-30.

DESCRIPTORS: *Rock, Fracture (Mechanics), Drills,
Effectiveness.

(Earth Sciences--Geology, TT, v. 8, no. 11)

62-34218

- I. Kuliev, S. M.
- II. Mdivani, A. G.
- III. Dzhahilzade, G. N.
- IV. ATS-57P62R
- V. Associated Technical
Services, Inc., East
Orange, N. J.

Office of Technical Services

62-17734

Tochilov, V. I.

FURTHER REDUCTION IN THE LOSS OF PETRO-
LEUM PRODUCTS CONTAINED IN THE WASTE
WATERS OF RAKE PETROLEUM REFINERIES.

[1962] 6p.

Order from ATN \$5.50

ATN-061018

I. Tochilov, V. I.

II. ATN-061018

III. Associated Technical Serv-
ices, Inc., Fort Orange,
N. J.Trans. of Izvestiya Vsesoyuznogo Nauchno-
Issledovskogo Instituta Nefti i Gaza (USSR) 1961, v. 4, no. 12, p. 113-116.DESCRIPTORS: Petroleum, Refineries, Processing,
Chemical waste, Water, Reduction, Purification.

Ignatov, B. F.
THE POSSIBILITY OF LATERAL MIGRATION OF
DISPERSED BITUMENS. [1962] 5p.
Order from ATS \$10.75 ATS-01P62R

Trans. of Izvestiya Vysshikh Uchebn[ykh]
Zavedenii. Neft' i Gaz (USSR) 1962, v. 5, no. 2,
p. 7-10.

DESCRIPTORS: *Bitumens, Scattering.

(Earth Sciences--Geology, TT, v. 8, no. 11)

62-34219

- I. Ignatov, B. F.
- II. ATS-01P62R
- III. Associated Technical
Services, Inc., East
Orange, N. J.

ATS/PT 62-34219

Office of Technical Services

Hydrocarbons of Dispersed Bitumens in Carbonate Rocks
of the Lower Cretaceous in Western Georgia, by

A. N. Guseva.

RUSSIAN, per, Izv. VUZ. Neft Gaz., Vol 5, No 2, 1962, pp 1

pp 15-17.

ATS-RJ-5914

Apr 72

Fatigue Failure of Rocks, by L. E. Simonyants
and B. A. Zilobinskiy,
RUSSIAN, per, Izv. VUZ Neft i Gaz, Vol V,
No 2, 1962, pp 15-18.
ATB PJ-4955

Sci-
Apr 67

321,602

Investigation of the Effectiveness of
Drilling with Tapered Bits, by S. M. Kuliev.
RUSSIAN, per, Izvestiya VUZ Neft. i Gaz,
Vol 5, 1962, pp 31-36.
ATS-91S82R

Sci-Mech Indus Civ Mar Engr
Nov 66 313,567

Skidanova, N. I., Gudyrev, A. A., and
Chenozhukov, N. I.
FURFURAL SOLUBILITY OF AROMATIC HYDRO-
CARBONS SEPARATED FROM LUBRICATING OIL
FRACTIONS OF KOTUZH TEPE CRUDE. [1962] 8p.
Order from ATS \$9.50 ATS-35P61R

Trans. of Izvestiya Vysstikh Uchebnykh Zavedeni.
Nef' i Gaz (USSR) 1962, v. 5, no. 2, p. 59-62.

DESCRIPTORS: *Petroleum, *Lubrication, *Oils,
*Fractionation, *Hydrocarbons, Separation, Solubility,
*Furfurals, Organic solvents.

(Chemistry-Physical, TT v. 8, no. 4)

62-17735

I. Skidanova, N. I.
II. Gudyrev, A. A.
III. Chenozhukov, N. I.
IV. ATS-35P61R
V. Associated Technical Serv-
ices, Inc., East Orange,
N. J.

Office of Technical Services

Bagir-Zade, F. M.
CHANGES IN THE PROPERTIES OF CRUDE OILS
AS A FUNCTION OF GEOLOGICAL AND GEO-
CHEMICAL CONDITIONS OF THE ORIGIN OF THE
OIL POOLS. [1962] 6p.
Order from ATS \$9.75

ATS-66P62R

Trans. of Byelorussian [Vostochnykh Uchenykh] Zavedeni.
Nefi i Gaz (USSR) 1962, v. 5, no. 4, p. 3-8.

DESCRIPTORS: *Mineral oils, Oils, *Petroleum,
*Geology, *Geochemistry.

(Engineering-Chemical, TT, v. 8, no. 11)

62-34277

- I. Bagir-Zade, F. M.
- II. ATS-66P62R
- III. Associated Technical
Services, Inc., East
Orange, N. J.

Office of Technical Services

Agayev, A. A.
ISOLATION OF AMMONIUM NAPHTHENATES FROM
PETROLEUM. [1962] 65.
Order from ATS 59. (X) ATS-99P62R

Trans. of [Izvestiya] Vysshikh Ucheb[nykh]
Zavedenii. Neft' i Gaz (USSR) 1962, v. 5, no. 4,
p. 59-63.

DESCRIPTORS: *Petroleum, *Ammonium radicals,
*Naphthalenes, Separation.

(Engineering - Chemical, TT, v. 8, no. 11)

62-34217

- I. Agayev, A. A.
- II. ATS-99P62R
- III. Associated Technical
Services, Inc., East
Orange, N. J.

Office of Technical Services

Berkovich, M. Ya., Spivak, A. L. and others.
SOME PROBLEMS IN DRILLING WHEN USING GAS-
EUS AGENTS FOR CLEANING THE BOTTOM OF THE
HOLE. [1962] 6p.

Order from ATS \$10.00

ATS-64P63R

Trans. of Izvestiya Vysshikh Uchebn[ykh] Zavedenii.
Neft' i Gaz (USSR) 1962, v. 5, no. 5, p. 29-34.

DESCRIPTORS: *Well drilling, Drilling fluids, Clean-
ing fluids, Gases.

(Engineering--Chemical, TT, v. 9, no. 2)

63-12043.

- I. Berkovich, M. Ya.
- II. Spivak, A. L.
- III. ATS-64P63R
- IV. Associated Technical
Services, Inc.,
East Orange, N. J.

ATS-64P63R

Office of Technical Services

Gullisade, M. P. and Makhmudov, D. M.
THE EFFECT OF CERTAIN FACTORS ON THE ANGLE
BUILD-UP AND DIRECTION OF DEVIATION IN SLANT
HOLES AS A FUNCTION OF THE DISTANCE DRILLED
WITH A DEFLECTOR. [1962] 5p.
Order from ATS \$8.25

ATS-63P63R

Trans. of Izv[estiya] Vysshikh Uchebn[ykh] Zavedenii
Nef't' i Gaz (USSR) 1962, v. 5, no. 5, p. 39-44.

DESCRIPTORS: *Well drilling, *Mud deflectors, Effectiveness.

(Engineering-Chemical, TT, v. 9, no. 2)

63-12040

- I. Gullisade, M. P.
- II. Makhmudov, D. M.
- III. ATS-63P63R
- IV. Associated Technical
Services, Inc.,
East Orange, N. J.

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Kadirov, N. B.

SOME PROBLEMS IN THE KINEMATICS OF THE
TRICONE BIT. [1962] 7p.

Order from ATS \$8.25

ATS-65P63R

Trans. of [izvestiya] Vysshikh [Uchebn]ykh Zavedeni.
Neft' i Gaz (USSR) 1962, v. 5, no. 5, p. 45-51.

DESCRIPTORS: •Drills, Mechanics, Drilling machines,
Cutting tools, Tools.

(Machinery--Machine Parts, TT, v. 9, no. 2)

63-12046

1. Title: Tricone bits.

I. Kadirov, N. B.

II. ATS-65P63R

III. Associated Technical
Services, Inc., East
Orange, N. J.

Office of Technical Services

Lysenko, V. D.
THE PROBLEM OF PLANNING DEVELOPMENT OF
NONUNIFORM RESERVOIRS. [1962] 5p.
Order from ATS \$8.25 ATS-20P64R
Trans. of Izv[estiya] Vysshikh Uchebn[ykh] Zavedenii.
Neft' i Gaz (USSR) 1962, v. 5, no. 5, p. 53-57.
DESCRIPTORS: *Hydraulic reservoirs, Design.

(Engineering--Chemical, TT, v. 9, no. 2)

63-12047

I. Lysenko, V. D.
II. ATS-20P64R
III. Associated Technical
Services, Inc.,
East Orange, N. J.

Office of Technical Services

Sattarov, M. M.
DISTRIBUTION FUNCTIONS OF RESERVOIR PERME-
ABILITY: [1962] 7p.
Order from ATS \$8.50

ATS-70P65R

Trans. of Izvestiya Vysishkh Uchebn[ykh] Zavedenii.
Nef't i Gaz (USSR) 1962, v. 5, no. 6, p. 55-60.

DESCRIPTORS: *Petroleum, Deposits, Permeability,
*Functional analysis, Distribution.

(Earth Sciences - Geology, TT, v. 9, no. 7)

63-12642

I. Sattarov, M. M.
II. ATS-70P65R
III. Associated Technical
Services, Inc., East
Orange, N. J.

Office of Technical Services

Kharlamenko, V. I. and Yablonskii, V. S.
DISPLACEMENT OF CRUDE OILS AND OIL PROD-
UCTS IN PIPELINES WITH LAMINAR FLOW CON-
DITIONS. [1963] 9p.
Order from ATS \$9.75

ATS-93Q67R

Trans. of Izv[estiya] Vysshikh Uchebn[ykh]
Zavedeni[ya] Neft' i Gaz (USSR) 1962, v. 5, no. 6,
p. 77-84.

DESCRIPTORS: *Oils, Petroleum, *Pipelines, Fluid
dynamic properties, *Fluid flow.

(Machinery--Transport, TT, v. 10, no. 1)

63-17157

- I. Kharlamenko, V. I.
- II. Yablonskii, V. S.
- III. ATS-93Q67R
- IV. Associated Technical
Services, Inc., East
Orange, N. J.

Office of Technical Services

Shishkin, O. P. and Grachev, B. A.
THEORY OF AN ALTERNATING CURRENT DATA
LINK WITH THE BOTTOM OF THE HOLE. [1963] 5p
Order from ATS \$6.00 ATS-16Q72R

Trans. of [Izvestiya] Vysshikh Uchebn[ykh]
Zavedenii. Neft' i Gaz (USSR) 1962, v. 5, no. 6,
p. 93-96.

DESCRIPTORS: *Well drilling, Boreholes, Data,
Transmission, Alternating current, Theory.

(Earth Sciences--Geology, TT, v. 11, no. 5)

TT-63-22932

- I. Shishkin, O. P.
- II. Grachev, B. A.
- III. ATS-16Q72R
- IV. Associated Technical
Services, Inc.,
East Orange, N. J.

Office of Technical Services

Rostomyan, P. M.
DETERMINING THE ABSOLUTE TIME OF ORIGIN
OF A GAS DEPOSIT. [1963] 6p.
Order from ATS \$7.50 ATS-05Q67R

Trans. of Izv[estiya] Vysshikh Uchebn[ykh] Zavedeni.
Neft'i Gaz (USSR) 1962, v. 5, no. 7, p. 9-13.

DESCRIPTORS: *Natural gas, Deposits, *Geological
time.

(Earth Sciences--Geology, TT, v. 9, no. 8)

63-12821

I. Rostomyan, P. M.
II. ATS-05Q67R
III. Associated Technical
Services, Inc.,
East Orange, N. J.

63-12821

Office of Technical Services

Ibragimov, K. Sh. THE MAXIMUM OIL PRODUCTION UNDER INJECTION FROM TWO SIDES. [1963] 5p. Order from ATS \$8.00 ATS-59P66R Trans. of [izvestiya] Vysshikh Uchebn[ykh] Zavedenii. Neft' 1 (22) (USSR) 1962, v. 5, no. 7, p. 3-41. DESCRIPTORS: Petroleum, Oils, Production, Injection. (Engineering--Chemical, TI, v. 9, no. 10)	63-12842 I. Ibragimov, K. Sh. II. ATS-59P66R III. Associated Technical Services, Inc., East Orange, N. J. 7/15/66 Office of Technical Services
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Shishkin, O. P. and Grachev, B. A.
THE CAPABILITIES OF A DATA LINK USING THE
PIPES IN THE WELL. [1963] 5p
Order from OTS \$6.50 ATS-17Q72R

Trans. of [Izvestiya] Vysishikh.Uchebn[ykh]
Zavedeni. Neft' i Gaz (USSR) 1962, v. 5,
no. 7, p. 95-99.

DESCRIPTORS: *Well drilling. Pipes. Data,
Transmission.

(Earth Sciences--Geology. TT. v. 11, no. 5)

TT-63-22929

- I. Shishkin, O. P.
- II. Grachev, B. A.
- III. ATS-17Q72R
- IV. Associated Technical
Services, Inc.,
East Orange, N. J.

Office of Technical Services

63-12845

Sultanov, M. Yu. and Belen'kii, M. S.
EFFECT OF COMPOSITION ON THE PROPERTIES OF
COPPER-CHROMIUM OXIDE CATALYSTS IN THE
OXIDATION OF CARBON MONOXIDE. [1963] 8p.
Order from ATS \$9.85 ATS-96Q66R

Trans. of Izvestiya Vysshikh Uchebnykh Zavedeni.
Nef. i Gaz (USSR) 1962, v. 5, no. 9, p. 63-69.

DESCRIPTORS: *Carbon compounds, *Monoxides,
*Oxidation, Copper catalysts, *Catalysts, Chromium
compounds, Oxides, Gases.

(Chemistry--Physical, TT, v. 9, no. 10)

I. Sultanov, M. Yu.
II. Belen'kii, M. S.
III. ATS-96Q66R
IV. Associated Technical
Services, Inc.,
East Orange, N. J.

Office of Technical Services

Uzumov, I. G.
DETERMINATION OF THE LOAD ON SURFACE
EQUIPMENT DURING THE WORKING CYCLE OF A
DOWNHOLE PUMP. [1963] 7p.
Order from ATS \$10.25 ATS-95Q67R

Trans. of Izvestiya Vysshikh Uchebn[ykh] Zavedenii,
Nefr' i Gaz (USSR) 1962, v. 5, no. 10, p. 35-40.

DESCRIPTORS: *Pumps, Operation, Petroleum,
Machines, Load distribution.

(Engineering, TT, v. 10, no. 6)

63-17460

I. Uzumov, I. G.
II. ATS-95Q67R
III. Associated Technical
Services, Inc.,
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Bogachev, B. A.
DETERMINATION OF THE PHYSICAL PARAMETERS
OF A GAS-BEARING RESERVOIR. [1963] 5p.
Order from ATS \$5.50 ATS-01Q68R

Trans. of [Izv[estiya] Vysishikh Uchebn[ykh] Zavedeniy.
Nef' i Gaz (USSR)-1962, v. 6, no. 10, p. 47-51.

DESCRIPTORS: *Natural gas, Hydraulic accumulators,
Pneumatic devices, Determination.

(Earth Sciences--Geology, TT, v. 10, no. 5)

63-17459

I. Bogachev, B. A.
II. ATS-01Q68R
III. Associated Technical
Services, Inc.,
East Orange, N. J.

Office of Technical Services

Dzhafarov, Kh. D. and Balramova, R. A.
DRAWING OF STRUCTURAL MAPS FROM DATA OF
GEOPHYSICAL STUDIES. [1963] 5p
Order from ATS \$6.00 ATS-63Q72R

Trans. of Izvestiya Vysshikh Uchebnykh Zavedeni.
Nefte i Gaz (USSR) 1962, v. 5, no. 11, p. 13-16.

DESCRIPTORS: *Maps, *Terrain, Mapping, Surveying,
Geophysics.

(Earth Sciences--Geodesy, TT, v. 11, no. 3)

TT-63-22954

I. Dzhafarov, Kh. D.
II. Balramova, R. A.
III. ATS-63Q72R
IV. Associated Technical
Services, Inc.,
East Orange, N. J.

Office of Technical Services

Pudovkin, M. A.
SOLUTION OF A PROBLEM IN SUBSURFACE
HYDROMECHANICS UNDER ELASTIC CONDITIONS.
[1968] 9p.

Order from ATS \$11.00

ATS-11Q69R

Trans. of Izvestiya Vysshikh Uchebn[ykh] Zavedeni.
Neft' i Gaz (USSR) 1962, v. 5, no. 11, p. 39-45.

DESCRIPTORS: *Fluid flow, Liquids, Motion,
*Hydrodynamics, *Elasticity.

(Mechanics--Hydrodynamics, TT, v. 10, no. 5)

63-17483

- I. Title: Hydromechanics
- I. Pudovkin, M. A.
- II. ATS-11Q69R
- III. Associated Technical
Services, Inc.,
East Orange, N. J.

Office of Technical Services

Chernozhukov, N. I., Vainshtok, V. V., and
Kartalin, B. N.
ON THE CRYSTALLINE SUBMICROSTRUCTURE OF
MIXTURES OF HARD HYDROCARBONS IN THE
HYDROCARBON MEDIUM (O Submikrostruktura
Kristallov Smeseli Tverdykh Uglevodorodov v Uglevo-
dородnoi Srede). [1964] [10p] (foreign text included)
4 refs

Order from CTS, SLA, or ETC \$1.10 TT-64-10982

Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii.
Neft' i Gaz (USSR) 1962, v. 5, no. 11, p. 53-57.

(Chemistry--Organic, TT, v. 12, no. 2

TT-64-10982

I. Chernozhukov, N. I.
II. Vainshtok, V. V.
III. Kartalin, B. N.

Office of Technical Services

Gobzhila, A. G. and Popesku, P. S.
ON THE PROBLEM OF PREPARATION OF PETRO-
LEUM FOR REPROCESSING (K Voprosu Podgotovki
Nefti k Pererabotke). [1963] [10p] (foreign text
included) 11 refs
Order from OTS, SLA, or BTC \$1.10 TT-64-10998

Trans. of Izvzaniya Vysshikh Uchebnykh Zavedenii.
Neft' i Gaz (USSR) 1962, v. 5, no. 11, p. 71-74.

DESCRIPTORS: *Petroleum, *Colloids, *Surface active
substances, *Chemical engineering.

(Engineering--Chemical, TT, v. 11, no. 7)

TT-64-10998

I. Gobzhila, A. G.
II. Popesku, P. S.

Office of Technical Services

Sultanov, M. Yu. and Belen'kii, M. S.
INFLUENCE OF THE COMPOSITION ON THE PROPERTIES OF COPPER OXIDE-CHROMIUM OXIDE CATALYSTS IN THE REACTION OF THE COMPLETE OXIDATION OF n-HEPTANE. [1963] 7p.
Order from ATS \$8.50

ATS-12Q69R

Trans. of Izvestiya Vyshtikhlicheskikh Zavedeni.
Neft i Gaz (USSR) 1962, v. 5, no. 12, p. 59-64.

DESCRIPTORS: *Copper compounds, *Chromium compounds, Oxides, *Catalysts, Chemical reactions, *Oxidation, *Heptanes, Chemical properties.

(Chemistry, TT, v. 10, no. 2)

63-17347

63-17896

- I. Sultanov, M. Yu.
- II. Belen'kii, M. S.
- III. ATS-12Q69R
- IV. Associated Technical Services, Inc.,
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ATS RJ-3956

ICE 10. N. 3

Office of Technical Services

S-427/63

The Problem of Increasing the Possible Depth
of Drilling, by E. I. Tagiyev, O. V. Orlov.
(DC-8590)

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Neft i
Gaz, No 12, 1962, pp 111-115.

*JPRS

Sci - Engineering
Apr 63

Fillmonov, N. M., Spivak, A. I., and Popov, A. N.
THE DYNAMIC INTERACTION BETWEEN THE
TOOTH OF A ROLLER BIT AND ROCK. [1963] 6p.
Order from ATS \$8.85 ATS-48Q70R

Trans. of [izvestiya] Vsesoiuzh. Uchebnykh Zavedenii.
Nef't i Gaz (USSR) 1963, v. 6, no. 1, p. 35-40.

DESCRIPTORS: Dynamics, *Drills, *Rock (Geology),
Well drilling, Mining engineering.

(Engineering, TT, v. 10, no. 10)

63-22176

- I. Fillmonov, N. M.
- II. Spivak, A. I.
- III. Popov, A. N.
- IV. ATS-48Q70R
- V. Associated Technical
Services, Inc.,
East Orange, N. J.

Office of Technical Services

Stradymov, P. K.

AN APPROXIMATE METHOD FOR GAS INJECTION
CALCULATIONS FOR WATER-BEARING FORMA-
TIONS. [1963] 9p.

Order from ATS \$10.75

ATS-53Q70R

Trans. of [Izv[estiya] Vysshikh Uchebn[nykh] Zavedenii.
Neft' i Gaz (USSR) 1963, v. 6, no. 1, p. 41-48.

DESCRIPTORS: *Hydrodynamics, *Gases, Injection,
Water, Stratigraphy, Mining engineering, Recovery,
Fluid Flow.

(Engineering, etc., v. 10, no. 10)

63-22167

- I. Stradymov, P. K.
- II. ATS-53Q70R
- III. Associated Technical
Services, Inc.,
East Orange, N. J.

Office of Technical Services

Study of Friction Forces in a Directional Well,
by M. P. Gullizade, K. B. Shakhbuzbekov, 7 pp.
RUSSIAN, per Iz Vyssh Ucheb Zaved, Neft' i Gaz,
Vol VI, No 2, 1963, pp 23-28.
ATS-70Q70R

Sci-Eng-Sat-Acton ENGR
March 64

252,076

Shishkin, O. P., Grachev, B. A., and Leonov, A. I.
THE POWER REQUIRED FOR THE TRANSMITTER
OF AN ELECTRICAL DATA LINK WITH THE
BOTTOM OF THE HOLE. [1963] 6p.
Order from ATS \$7.75 ATS-98Q70R

Trans. of Izvestiya Vsesoyuznogo Nauchno-Issledovatskogo
Inst. Geol. (USSR) 1963, v. 6, no. 2, p. 93-97.

DESCRIPTORS: *Well logging, Power, Communication
equipment, Borehole, Data transmission systems,
*Power supplies.

(Earth Sciences--Geology, TT, v. 10, no. 10)

63-22341

- I. Shishkin, O. P.
- II. Grachev, B. A.
- III. Leonov, A. I.
- IV. ATS-98Q70R
- V. Associated Technical
Services, Inc.,
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Office of Technical Services

Fauzi, M. A., Kartina, B. N., and Chernozhukov, N. I.
INVESTIGATION OF THE EFFECT OF DEWAXING
CONDITIONS ON THE CHARACTER OF THE
CRYSTALLIZATION OF THE SOLID HYDROCARBONS
OF RESIDUAL OILS. [Jan 64] 8p

Order from ATS \$10.75

ATS-92Q72R

Trans. of Izvestiya Vysishkh Uchebn[ykh] Zavedenii.
Nef't i Gaz (USSR) 1963, v. 6, no. 3, p. 59-64.

DESCRIPTORS: *Oils, Hydrocarbons, Solids,
Crystallization, Waxes, Separation.

(Engineering--Chemical, TT, v. 11, no. 10)

TT-64-12381

I. Fauzi, M. A.
II. Kartina, B. N.
III. Chernozhukov, N. I.
IV. ATS-92Q72R
V. Associated Technical
Services, Inc.,
East Orange, N. J.

Office of Technical Services

The Determination of Changes in Hydrodynamic
Pressure at the Walls of a Well in the Course of
Running Drilling Tools and Casing, by M. K. Seid-rza,
A. A. Movsumov, 5 pp.
RUSSIAN, per, Iz Vyssh Ucheb Zaved, Neft' i Gaz,
Vol VI, No 4, 1963, pp 29-32.
ATS-02Q72KR

Sci-Engg
March 64

252,079

Thermodynamic Properties of Argon at High
Temperatures, by V. V. Rybakov, 5 pp.
RUSSIAN, per, Iz Vyssh Ucheb Zaved, Neft i Gaz,
No 5, 1963, pp 77-80, 9694847
FTD-TT-64-461

Sci - Phys
Oct 64

267,696

The Flow of a Compressible Fluid From a
Fractured Reservoir into a Well, by
R. S. Isayev,
RUSSIAN, per, Izv. VUZ Neft i Gaz, Vol VI,
No 6, 1963, pp 43-48.
ATS 11-4488

Sci-Mech,
Apr 67

321,561

Lyshevskii, A. S.
DETERMINATION OF THE AXIAL PRESSURE OF A
JET-BIT STREAM. [Jan 64] 7p
Order from ATS \$9.00

ATS-88Q73R

Trans. of Izv[estiya] Vysshikh Uchebn[ykh] Zavedenii.
Neft' i Gaz (USSR) 1963, v. 6, no. 6, p. 77-82.

DESCRIPTORS: *Jets, Gas flow, Pressure, Fluid
mechanics, Jet mixing flow.

(Mechanics, TT, v. 11, no. 10)

TT-64-1296

I. Lyshevskii, A. S.
II. ATS-88Q73R
III. Associated Technical
Services, Inc.,
East Orange, N. J.

Office of Technical Services

Rudnev, O. V.
INVESTIGATION OF A SINGLE-CONDUCTOR LOGGING
CABLE AS A COMMUNICATION CHANNEL FOR
TRANSMISSION OF INFORMATION BY PULSES. [1964]

7p

Order from ATS \$8.00

ATS-38R74R

Trans. of Izv[estiya] Vysshikh Uchebn[ykh] Zavedeni..
Nef' i Gaz (USSR) 1963, v. 6, no. 7, p. 89-94.

(Engineering, TT, v. 11, no. 12)

TT-64-12766

- I. Rudnev, O. V.
- II. ATS-36R74R
- III. Associated Technical
Services, Inc.,
East Orange, N. J.

Office of Technical Services

Determining the Drilling Speed in Drilling With
Rock Bits With the Aid of a Model Study, by
L. E. Simonyants, B. A. Zhlobinskiy. 9 pp.
RUSSIAN, per, Izv. VUZ Neft' i Gaz, Vol 6, No 8,
1963, pp 25-29.
OTS TT-64-26106

Sci/Engr
Jun 67

327,685

TT-64-22271

Fauzi, M., Kartalin, B. N., and Chernozhukov, N. I.
EFFECT OF THE DEGREE OF PHENOL REFINING
OF RESIDUAL OIL ON THE PERFORMANCE OF THE
DEWAXING PROCESS. 5p.
Order from ATS \$8.00

ATS-33R75R

Trans. of Iskustveniya Vysshikh Uchebnykh Zavedeni-
Neft' i Gaz (USSR) 1963, v. 6, no. 8, p. 61-64.

I. Fauzi, M.
II. Kartalin, B. N.
III. Chernozhukov, N. I.
IV. ATS-33R75R
V. Associated Technical
Services, Inc.,
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(Engineering--Chemical, TT, v. 12, no. 4)

Office of Technical Services

Stress Conditions at the Bottom of a Well
and Determination of the Strength of the
Rock at the Bottom, by V. S. Fedorov and
V. V. Bulatov,
RUSSIAN, per, Izv. VUZ Neft i Gaz, Vol VI,
No 9, 1963, pp 31-35.
ATS DJ-4554

ATS - 02R79R

Sci-
Apr 67

321,601

Khalikov, G. A.
THE UNSTEADY STATE FLOW OF OIL IN A CLOSED
RESERVOIR WHEN THE BOTTOM HOLE PRESSURE
DECLINES BELOW THE SATURATION PRESSURE.

[Apr 64] Sp

Order from ATS \$5.75

ATS-46R75R

Trans. of Izv[estiya] Vysshikh Uchebn[ykh] Zavedenii.
Nefi i Gaz (USSR) 1963, v. 6, no. 9, p. 43-46.

(Mechanics--Hydraulics, TT, v. 12, no. 2)

TT-64-22091

- I. Khalikov, G. A.
- II. ATS-46R75R
- III. Associated Technical
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Orange, N. J.

Office of Technical Services

Yasov, V. G., Usenko, A. P., Bessonov, Yu. D.,
and Sirik, V. P.
EFFECT OF SOME PARAMETERS ON THE CHARACTERISTICS OF A DIRECT-ACTION HYDRAULIC
HAMMER. 6p.
Order from ATS \$4.75

ATS-60R75H

Trans. of Izv[estiya] Vysshikh Uchebn[ykh] Zavedeni-
Nest' i Gaz (USSR) 1963, v. 6, no. 10, p. 19-23.

(Earth Sciences--Geology. TT, v. 12, no. 4)

TT-64-22257

I. Yasov, V. G.
II. Usenko, A. P.
III. Bessonov, Yu. D.
IV. Sirik, V. P.
VI. Associated Technical
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Office of Technical Services

Karimov, Z. G. A DETERMINATION OF THE STRESSES OCCURRING IN A DRILL STRING LOWERED WITH THE AID OF AN ELEVATOR OR DRILL PIPE SLIPS. 6p. Order from ATS \$5.65 ATS-84R75H Trans. of Inv[estiga] Vysshikh Uchebn[ykh] Zavodov. Mash' i Gaz (USSR) 1963, v. 6, no. 11, p. 23-27. (Engineering, TT, v. 12, no. 4)	TT-64-22255 I. Karimov, Z. G. II. ATS-84R75H III. Associated Technical Services, Inc., East Orange, N. J. Office of Technical Services
---	---

Reason for the Reduction in Paraffin Deposition in Wells Producing with Downhole Centrifugal Electric Pump, by I. T. Mishchenko, RUSSIAN, per, Izv. VUZ Neft i Gaz, Vol VI, No 10, 1963, pp 47-50.
ATS 4J-4573

Sci-
Apr 67

321,605

Solution of Certain Problems in the Flow
of an Incompressible Fluid by Means of the
Grid Method, by K. A. Allakhverdiev,
RUSSIAN, per, Izv. VUZ Neft i Gaz, Vol VI,
No 10, 1963, pp 35-39.

ATS RJ-4487

Sci-Phys
Apr 67

321,560

The Need ofr Using an Elastic Compensator
in a Drill String, by S. G. Kalinin,
RUSSIAN, per, Izv. VUZ Neft i Gaz, Vol VI,
No 12, 1963, pp 23-28.
ATS FJ-4553

Sci-
Apr 67

321,600

K. V. Fomkin

Classification of Oil and Gas Pools According
to the Time of Their Formation.

RUSSIAN, per, Izvestiya Vysshikh Uchebnykh
Zavedenii. Neft i Gaz, No 4, 1964, pp 3-5.
NTC 72-14059-08G

Nov 72

An Investigation of the Dynamics of the Movement
of a Drill String in a Slant Hole, by M.P. Gulizade
and K.B. Shakhbazbekov.

RUSSIAN, per, Iz.V.U.Z. Neft'i Gaz, 1964, vol. 7,
no. 1, pp. 23-28.

ATS-5LR76R

Eng
Aug 66

307,671

**The Role of Paraffinic Hydrocarbons as
Antisolvents in the Interaction of
Alkybenzenes with Dimethyl-Formamide:
the Mutual Solubility of Dimethylformamide
(DMF), Aromatic Hydrocarbons and
n-Paraffinic Hydrocarbons, by A. M.
Zaliznyi, M. M. Prodyats, A. P. Chernyavskaya,
Op.**

**RUSSIAN, per, Izvestiya Vsesoyuznogo Uchenykh
Zavedeni. Khim. i Mekh., Vol 7, No 1,
1964, pp 47-51.**

ATs-112798

336, 161

**Sci
Aug 67**

Flow of Liquid (And Gas) in a Fractured
Reservoir, by R. G. Isayev,
RUSSIAN, per, Izv. VUZ Neft i Gaz. Vol VII,
No 1, 1964, pp 69-72.
NTS RJ-1402

ATS RJ-5783

Sci-Tech,
Apr 67

321,555

Experimental Investigation of the Thermal
Conductivity of Normal Alcohols,
by G. Kh. Mukhametzyanov, A. A. Tarzimanov.
RUSSIAN, per, Izv. VUZ Neft i Gaz. Vol 7,
No 1, 1964, pp 73-75.
SIA TT-66-10599

Sci-Chem

Jul 66

305,560

Some Formulas for Calculating the Temperature Field of a Formation During Thermal Injection, by N. A. Avdonin,
RUSSIAN, per, Izv. VUZ Neft i Gaz, Vol VII,
No 3, 1964, pp 37-41.
ATS RJ-4474

Sci-Prop F, Fuels
Apr 67

321,549

The effect of Water-Soluble Surfactants on
the Capillary Properties of Formation
Systems, by Sh. K. Gimatudinov and
V. A. Nikolayev,
RUSSIAN, per, Izv. VUZ Neft i Gaz, Vol VII,
No 3, 1964, pp 43-47.
ATS RJ-4478

Sci-Phys
Apr 67

521,551

Study of the Dependence of the Viscosity
of Oils on Pressure and Temperature, by
N. M. Amirbekov.

RUSSIAN, per, Iz VUZ Neft i Gaz, Vol 7,
No 3, 1964, pp 69-73.
ATS-00889R

Sci-Materials
Oct 66

313,224

Classification of Oil and Gas Pools
According to the Time of Their Formation,
by K. V. Pomkin, 5 pp.

RUSSIAN, per, Izvestiya Vsesoyuznogo
Uchebnogo Zavedeniya. Seriya 1 Geol.
Vol 7, No 4, 1964, pp 3-5.

ATS-3180R

336,260

Sci
Aug 67

Experimental Study of Oil Recover and Phase
Permeabilities in the Displacement of Oil
by Water from a Porous Medium, by

I. I. Burtsev,

RUSSIAN, per, Izv. VUZ Khim i Gaz, Vol VII,
No 1, 1964, pp 47-50.

AFS EJ-4485

Sci-Phys

Apr 67

321,556

The Mechanism and Effectiveness of the Action
of Surface-Active Agents in the Displacement
of Oil From Porous Media, by V. A. Nikolayev
and Sh. K. Gimatudinov,
RUSSIAN, Tr. Izv. VUZ Neft i Gaz, Vol VII,
No 6, 1964, pp 39-43.
ATS RJ-4479

Sci-Phys
Apr 67

321,8552

Possibility of Producing Isoprene by the Oxidative
Dehydrogenation of Isoamyls, by A. A. Vartanov.
RUSSIAN, per, Izv VUZ Neft i Gaz, Vol 7, No 6,
1964, pp 45-48.
ATS RJ-5165

Sci-Chem
July 69

385,733

The Unsteady-State Flow of a Fluid in a
Fractured Reservoir, by R. G. Isaev,
RUSSIAN, per, Izv. VUZ Neft i Gaz, Vol VII,
No 10, 1967, pp 71-75.
ATS BJ-4500

Sci-
Apr 67

321,571

Interpretation of the Results of Studies of
Inhomogeneous Formations, by

I. P. Rakhimkulov,

RUSSIAN, per, Izv. VUZ Neft i Gaz, Vol VII,
No 8, 1964, pp 31-37.

ATs UJ-4486

Sci-Phys

Apr 67

321,589

On Various Methods of Calculating the Reservoir
Temperature Field Under Heat Injection, by N.

A. Aydenin.

RUSSIAN, per. Izvestiya Vysshikh Uchebnykh Zave-
denii Neft i Gaz, No 8, 1964, pp 39-46.

NLL RTS 2962

Sci-Physics
Nov 67

345,309

Various Methods for Calculating the Temperature Distribution in a Formation During Thermal Injection, by N. A. Avdonin, RUSSIAN, per, Izv. VUZ, Neft i Gaz., Vol VII, No 3, 1964, pp 39-46.
ATS 65-4475

Sci-Fro. & Fuels
Apr 67

321,548

Calculation of the Water-Free Production
Period in Oil Wells with Bottom Water, by
A. P. Telkov and I. B. Burtsev,
RUSSIAN, per, Izv. VUZ Neft i Gaz, Vol VII,
No 8, 1964, pp 47-52.
ATS RJ-4548

NLL RTS 2466

Sci-
Apr 67

521,598

Derivation of Simple Approximate Formulas
Characterizing the Performance of an En-
larged Well Operating at Constant Bottom-
hole Pressure, by V. E. Vlyushin and
G. N. Kharin,
RUSSIAN, per, Izv. VUZ Neft i Gaz, Vol VII,
No 3, 1964, pp 83-87.
KTS NJ-4425

Sci-Tech,
Apr 67

321,556

V. A. Elema

Experimental Study of the Thermal Properties of
by-Product Petroleum Gas.

RUSSIAN, per, Izvestiya Vysshikh Uchebnykh
Zavedenii. Neft i Gaz, No 8, 1964, pp 89-92

NTC 72-12280-07D

NTIS TR9-55050

Oct 72

Kinetics of the Hydrogenolysis of Thiophenes and
Sulfides Under Catalytic Reforming Conditions, by
F. A. Feizkhanov.

RUSSIAN, per, Izv VUZ Neft i Gaz, Vol 7, No 9,
1964, pp 69-71.

ATS RJ-5164

Sci-Chem
July 69

385,732

Filtration Properties of Drilling Muds, by
O. K. Angelopulo and L. K. Mukhin,
RUSSIAN, per, Izv. VUZ Neft i Gaz, Vol VII,
No 11, 1964, pp 20-24.
ATS LJ-4576

Sci-
Apr 67

521,506

A New Device for Determining the Static and
Dynamic Hardness of Rocks under High Hydrostatic
and Rock Pressures, by L. Ye. Simonyants,
B. A. Zilobinskiy, 4 pp.

RUSSIAN, per, Investiya Vysshikh Uchebnykh
Zavedeniy. Neft' i Gaz, No 11, 1964, pp 31-34.
AIR/FTD/RT-23-1201-67

Sci-Earth Sci
Nov 68

366, 325

Semi-conductor Pressure Transducers for Gas
Mixtures, by A. M. Nechmahkin.

RUSSIAN, per, Izvestiya Vysshikh Uchebnykh Zavedni.
Neft i Gaz, vol. 7, no. 11, 1964, pp. 89-91.

NTC 71-12953-14B

JULY 71

Temperature Stresses in Lined Petrochemical
Columns, by I. L. Osipyan.

RUSSIAN, per, Izvestiya Vysshikh Uchebnykh
Zavedenii. Neft i Gaz, No 11, 1964, pp 105-
106.

NTC-71-15674-07A

Feb 72

Apparatus for the Study of Hydrocarbon Oxidizability
at Elevated Temperatures, by Bol 'shakov.
RUSSIAN, per, Vysch Ucheb Zaved Iz, Neft' i Gaz, No 9,
1964, pp 61-63.
*Dept of Navy JHU/APL J562

Sci - Phys
Jul 65

282,327

Thermal Conductivity Measurements of Organic
Liquids and Their Mixtures, by G. Kh. Mukha-
medzyanov and A. G. Usmanov, et al,
RUSSIAN, per, Izvestiya VUZ Neft. Gaz., Vol
VII, No 10, 1964, pp 70-74.
AEC NP-tr-1399

Sci-Chem
Nov 66

313,887

Filtration Properties of Drilling Muds,
O. K. Angelopulo, L. K. Mukhin.
RUSSIAN, per, Izvestiya VUZ Neft i Gaz,
Vol 7, No 11, 1964, pp 20-24.
ATS-35882R

Sci- Mech Indus Engr
Sept 66

310,415

Semiconductors Pressure Transducers for Gas
Mixtures, by A. M. Nechushkin,
RUSSIAN, per, Izv. VUZ Neft. Gaz., Vol VII,
No 11, 1964, pp 89-91.
AEC SLAC-Trans-43

Sci-Nucl Sci
May 67

326,786

Some Data on the Strength of Starch Gel and on the
Staling of Bread, by V. I. Nazarov, et al. UNCL.

RUSSIAN, DOR, Iz Vysshikh Uchebnykh Zavedeniy --
Pishchevaya Tekh, No 4, 1950, pp 131-135.

DSIR LIA RMB 1196

(128. 64.)

Sci - Chem
Nov 59

100,769

Increase of Activity of Hydrogenation Catalyst for
Making Hard Isooleic Acid, by G. I. Kolesnikov.

RUSSIAN, per, ~~Izvest~~ Vysshikh Ucheb Zavedeni
Pishchevaya Tekhnol, No 5, 1958, pp 48-52. (Chem
Abs 53, 10805f 1959)

*PL-480
USDA

Sci -
Jun 63

Gryaznov, V. P., Khoroshkova, M. P. and others.
CHROMATOGRAPHIC AND SPECTROPHOTOMETRIC
ANALYSIS OF IMPURITIES IN ALCOHOL
(Kromatograficheski i Spektrofotometricheskii
Analiz Priimesel Spirit). Sep 61 [13p. 13 refs
RTN 1897]

Order from OTS or SLA \$1.60

61-28163

Trans. of Expositiva Vysseishih Uchebnikov
Tsvetnitskiy, P. P. Prilozheniya k Khimii (USSR) 1954,
No. 5, p. 157-164.

DESCRIPTORS: *Alcohols, Impurities, *Ultraviolet
spectrophotometers, *Chromatographic analysis, Or-
ganic compounds, Beets, Ethyl radicals, Methyl radi-
cals, Acetates, Ethanols, Synthesis, Chemical re-
actions.

The methods of ultraviolet absorption spectroscopy
(Chemistry--Physical, TT, v. 6, no. 11) (over)

61-28163

- I. Gryaznov, V. P.
- II. Khoroshkova, M. P.
- III. RTS-1897
- IV. Department of Scientific
and Industrial Research
(C. Brit.)

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